

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	3363216
<b>Application Number:</b>	10519322
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	9113
<b>Title of Invention:</b>	IMPROVING HIERARCHICAL 8PSK PERFORMANCE
<b>First Named Inventor/Applicant Name:</b>	Ernest C Chen
<b>Customer Number:</b>	20991
<b>Filer:</b>	Todd N. Snyder/Janet Shibata
<b>Filer Authorized By:</b>	Todd N. Snyder
<b>Attorney Docket Number:</b>	PD-202109
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<b>Application Type:</b>	U.S. National Stage under 35 USC 371

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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	PD-202109-IDS-efile.pdf	174185	no	4
			3f9647ba6b3b9e68053171713f702de579d406b9		
Warnings:					
Information:					
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2	NPL Documents	Combarel-HD-SAT-article.pdf	560793	no	8
			d8ccc77e173f97b032ccfa44e4a3643709c7a2b5		
Warnings:					
Information:					
3	NPL Documents	PD-202021-EP-OA-05-06-08.pdf	267083	no	5
			baa9d62350aa7b5b91453017b596b55a00710fb9		
Warnings:					
Information:					
4	NPL Documents	PD-201014-EP-OA-05-06-08.pdf	326537	no	6
			65e684812156634a15b43dd7b0367e427ac43816		
Warnings:					
Information:					
5	NPL Documents	PD-201014-NAL.pdf	204293	no	4
			9154ace0d62f10a3fe398b4ea94969e643bde6b9		
Warnings:					
Information:					
6	Fee Worksheet (PTO-06)	fee-info.pdf	8193	no	2
			815c75bd1b8133818b43f2263c0922cd44705d6f		
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

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